

...CLUB NEWSLETTER EST. 1947

The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

[www.dx-code.org](http://www.dx-code.org)

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Diana, AI6DF, at:

[ai6df@scdxc.org](mailto:ai6df@scdxc.org)

Club meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

**W6AM/R 145.48, (-) PL 100.0**

# Southern California DX Club Newsletter

SEPTEMBER 2015



*"If you need him get in there and work him"*

## In our September 2015 issue...

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**Editor's Note:** This month's Newsletter issue is a bit slimmer than usual. Your Newsletter Editor is also the Chair of HAMCON 2015, the 2015 ARRL Southwestern Division Convention during Sept. 11-13 and has been working with convention details this month.

## From the Desk of the President

**George Jacob, N6VNI**  
**2015 President – SCDXC**  
[N6VNI@scdxc.org](mailto:N6VNI@scdxc.org)



George, N6VNI

By the time most of you get this newsletter from the club website the unofficial end of summer will have come and gone. So I ask you where did the summer go? I can remember a few hot days in the middle of August and that was about it for the hot days of summer. I never made it down to the beach for a ride on my trike. I will have to make up those miles in September and October.

The summer bash was hosted by the San Diego DX Club this year. The weather was outstanding. And as always the food was good and plenty of it. Without counting noses, I think we had about 25 members from the Southern California DX Club attending. A great way to spend a Sunday afternoon.

I would like to thank all the members of the club that are attending the no-host dinner at the Sizzler Restaurant in North Torrance. Since January when we started having the dinner at Sizzler, the head count has not dropped below thirty members attending. In turn the head count at the club meeting is up too.

Doug K6JEY is doing an excellent job of getting guest speakers. He has the remaining four months of the year covered. Next month we will have the annual "Anchors Away" meeting. So start looking around and see what you can find and bring it to the meeting. We will have fun as always. Plans are being made for the Holiday Party. The board will get this information out to the membership as soon as possible.

On a personal note. I am the vendor chair for the upcoming ARRL Southwest Division Convention, or better known as HAMCON 2015. I asked Mel to run a DVR on the club repeater to help get the word out about the convention. More information can be found on the conventions website at [www.hamconinc.org](http://www.hamconinc.org). There is still plenty of time to register.

Until the next time, good DX.

73

De

George T. Jacob, Jr. N6VNI  
SCDXC Club President ♦

## Vice President's Corner

**Doug Millar, K6JEY**  
**2015 SCDXC Vice President**  
[drzarkof56@yahoo.com](mailto:drzarkof56@yahoo.com)

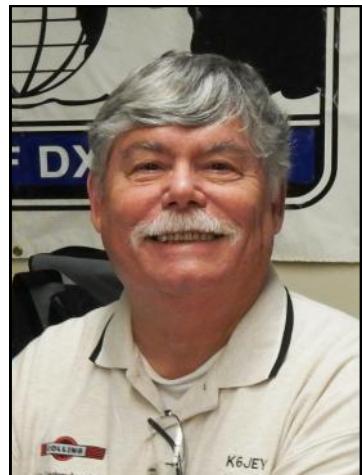
Many thanks to everyone who helped make the Skype session work for our August speaker, especially Mel. His booklets were very helpful and appreciated. I hope we can have other speakers during the year via Skype that we normally could never have because of travel expenses.

Be sure to bring your surplus goodies for our annual "Anchors Away" sale at the next meeting in September. We will have an experienced anchor away-er in the person of Neil K6SMF to preside over the anchors being weighed and shipped off. Join the fun and take a "treasure" home.

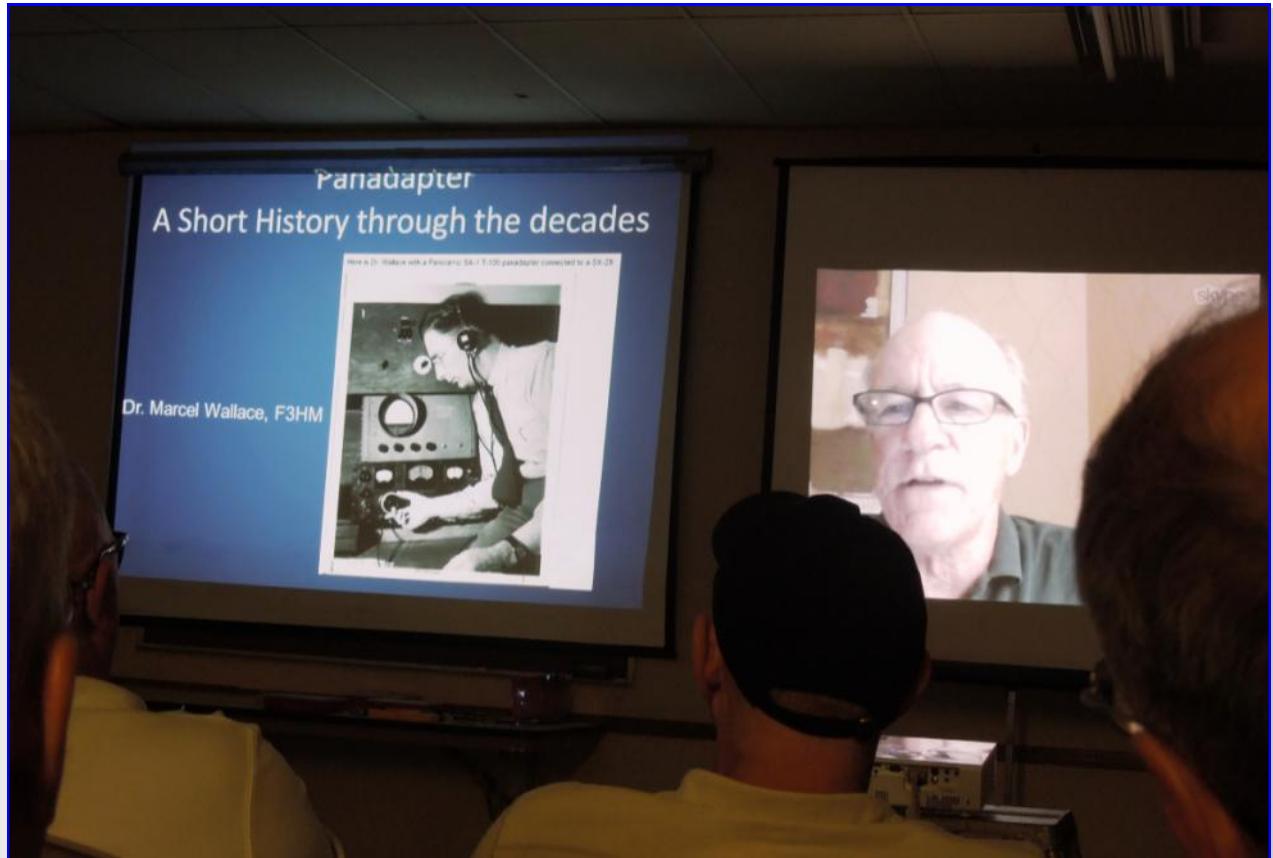
I have had a number of people offer to bring in microphones for us to hear and see. If you want to bring one, please contact me before the meeting so that I can have the right equipment ready to support it. This month we will have a "shotgun" microphone" in an unusual (for me) application. A shotgun mic is one with an extremely sharp pattern that can pick up sound from a much greater distance than usual. I think you will find it interesting.

Happy DXing,

Doug  
K6JEY◆



Doug, K6JEY



**A first for the SCDXC:** A live two-way meeting presentation via Skype. Elecraft's David Shoaf, KG6IRW (right screen), gave a great presentation on the history of panadapters at our August meeting from his home near Santa Cruz, CA. Mel, K6SY, printed booklets containing all of David's presentation slides enabling attendees to take notes—and take home some panadapter history. PHOTO: DIANA FEINBERG, AI6DF

## Double-feature at our September 10th meeting: More about microphones and it's the annual SCDXC "Anchors Away" auction



**Fifteen minutes** at the start of our meetings can increase your microphone knowledge by 15% or more. Shown at left: Doug, K6JEY, demonstrating two microphones at the July 2015 SCDXC meeting.

PHOTO: DIANA FEINBERG, AI6DF



Figure 1. Hallicrafters Model SX-110

### SECTION I GENERAL DESCRIPTION

#### 1-1. INTRODUCTION

Your new Hallicrafters Model SX-110 is a precision built, highly sensitive, communications receiver providing complete coverage in the frequency range of 538 kilocycles to 34 megacycles. Eight tubes, including one rectifier, are employed in the latest superheterodyne circuit and provision is made for the reception of AM or CW signals over the entire tuning

Other special features include full range TONE control, SENSITIVITY control with provision for the optional use of AVC, a STANDBY-RECEIVE switch that permits silencing the receiver while maintaining it ready for instant use, without waiting for the tubes to warm up, output connections to match either an external speaker or 500 ohm line, and a headphone (PHONES) jack mounted on the front panel. To permit adjustment for optimum performance with a variety of antenna systems, a special ANTENNA TRIMMER

**Welcome for auction at our Sept. 10 "Anchors Away" event:** It's not just for "Boat Anchors" like this 1962-vintage Hallicrafters SX-110 receiver but all other unwanted amateur radios, ham accessories, antennas, and component items.

Help support the club... clean out your shack ... or get what you need without cleaning out your wallet.

*Note: There's still a SX-110 and its manual at your Newsletter Editor's QTH as a mostly decorative item in a bookshelf nook. Your Editor's father bought the SX-110 at Sears for \$169.95 in 1962 (\$1,040 in 2015 dollars.)◆*

# The Summer Bash at W6YI Was a Huge Success!

By Howard Groveman, W6HDG  
San Diego DX Club Vice President

Jim Stevenson W6YI proved once again that he is the host with the most. And we are not just talking antennas!

It was such a lovely day at the Stevenson Ranch and the food and camaraderie were fabulous. The total attendance at the bash was over 80 including at least 18 visitors from LA and Orange Counties and several from even farther away! It was great to visit with our ARRL Southwestern Division Director, Dick Norton N6AA and the LA Section Manager, David Greenhut, N6HD. (Stay tuned for David's trip as part of the Chesterfield Islands DXpedition October 1-12). I have already lined up David as a speaker at a future SDDXC club meeting!

An aerial tour of W6YI can be found at <https://youtu.be/ATEouTKUqzk> (see photo below.)

Jim W6YI also had a great time at his own party. He writes, "Please extend my thanks to everyone who helped out with the many things to make this party a great bash. I really appreciated all the help and support from both clubs. As a member of the SCDXC many years ago, it was great to see old time friends W6TMD, Darrel and W6CCP, Seymour. Jerry W6XI, traveled the farthest from Tucson, AZ. W6NV, Oliver from Orinda, and W6UM Charles from San Luis Obispo drove many miles to visit. There are too many others to mention here. It was great spending time and chatting with each of them. I know I missed a few and look forward to another bash (hosted by SCDXC) next year to catch up with everyone."♦



Above: The W6YI shack (photo by Howard Groveman, W6HDG.

Below: Screen capture from YouTube drone video by N6ED showing the W6YI QTH and its multiple towers.



## Tidbits...

### Don't miss HAMCON 2015, the 2015 ARRL Southwestern Division Convention: Sept. 11-13

**It only happens once every four years:** HAMCON 2015, this year's ARRL Southwestern Division Convention, comes to the Los Angeles area on September 11-13.

Register now at [www.hamconinc.org](http://www.hamconinc.org) for HAMCON at the Torrance Marriott Hotel. A full Vendor Room of 60 booth spaces and a wide range of interesting Tech Talks will be there. Registration is \$27 in advance for easy check-in—or pay at the door.

The Tech Talks cover four program tracks: DXing and Contesting; Emergency Communication; General Ham and Technical topics; and Topics for Newer Amateur Operators. Among talks of interest to SCDXC members are: "The DXOP 2015 Spratly Islands DXpedition," "Amateur Radio in Burma: The Last Operator Before It Was Banned," and "Ground Is A Myth". ARRL Lab Manager Ed Hare, W1RFI, is also speaking as are Elecraft's Eric Swartz about the K3S transceiver and Steve Hicks from FlexRadio about SDR advances.

Chip Margelli, K7JA, is giving a new (and highly-entertaining) presentation on "The History of Amateur Radio" at HAMCON's Saturday night banquet (meal tickets sold only in advance.) Visit [www.hamconinc.org](http://www.hamconinc.org) for more information.♦



### Field Checking of QSL Cards by N6QQ and N6HC

QSL cards for new DXCC awards and endorsements may be checked by an approved DXCC Card Checker. This program applies to any DXCC award for an individual or station. Awards available can be found in Section I: Basic Rules, [Rule 1](#).

#### 1) Entities Eligible for Field Checking:

Except for 160 meters, cards for all current and deleted entities dating back to November 15, 1945 can be checked. Cards for 160 Meters can only be checked by card checkers who currently hold an active 160 Meter DXCC. Check out the complete list of [DXCC 160 Meter Card Checkers](#).

**CQ AWARDS:** CQ Awards except 160 Meter WAZ, Digital WAZ, 6 Meter, Satellite, EME and 5BWAZ endorsements and new 5BWAZ applications with 170 or more zones.

Both Arnie, N6HC, and John, N6QQ, can check cards. If you live in Orange County, Arnie would be happy to check cards for both ARRL and CQ. If you would like to contact N6QQ, call 562-404-1112 or [n6qq@msn.com](mailto:n6qq@msn.com) ♦

### Upcoming contests

*By John Schroeder, N6QQ*

As the bands start to change into the Winter propagation pattern, let's hope the bands show some life. During August, I had only 60 QSO's. Lowest count in years.

Sept. 5 -- Russian RTTY Contest  
 Sept. 5-6 -- All Asia DX Contest, SSB  
 Sept. 12-13 --WAE DX Contest SSB  
 Sept 12 -- ARRL September VHF Contest - (maybe a few openings on 6 meters)  
 Sept. 26-27 -- CQ Worldwide Contest, RTTY - (Largest RTTY DX Contest of the year)

For more information about these contests go to:  
<http://www.hornucopia.com/contestcal/weeklycont.php>

73 John -- N6QQ♦

# More Tidbits...

## 2016 International DX Convention Update

Don't miss the 2016 International DX Convention during April 15-17 at the Visalia Convention Center. Hotel room reservations are still available on the IDXC website's Passkey portal at:

<https://aws.passkey.com/event/13906221/owner/3376301/landing>

If a hotel does not show any dates (such as at the Marriott and downtown Comfort Suites across from the Convention Center) it's because the hotel is sold out. Plenty of rooms are still available at other hotels. Remember that if you stay at one of the seven hotels we as a club benefit.

### **Newly-announced:**

Design the 2016 DX Convention Logo and win a free Convention registration. Send your design by December 1, 2015, to Doug Millar, K6JEY, at: k6jey@scdxc.org .

### **Convention Volunteers Needed:**

Fifteen volunteers for planning the International DX Convention 2016 met on August 22, 2015 at WEMS, and two more by conference call.

We are looking for two MAJOR players for the convention to be a success and these positions are for Vendor/Exhibit Hall Chair and Prize Room Chair. We have volunteer helpers with those two positions but if you could consider helping us have a successful 2016 convention, please contact Cathy K6VC at 951 809-8720 or Doug K6JEY at 562 810 3989

We do have some other positions to fill at a later time. Our next meeting is November 14, 2015 - 10:00am @ WEMS again. I would appreciate knowing how many can attend this meeting.

Cathy Gardenias, K6VC  
Doug Millar, K6JEY  
2016 IDXC Co-Chairs ♦

## Additional SCDXC Information

### **Treasurer's Report**

Club financial information is available on request. Contact the Treasurer.

### **Officer Guidelines**

The SCDXC's Officers Guidelines are available on our website. See hyperlink below.

### **Code of Conduct**

SCDXC endorses the [DX Code of Conduct](#)

### **Membership**

SCDXC membership is open to all radio amateurs interested in DXing. Full Membership is only available to those residing in 11 Southern California counties who have earned DXCC or WAZ. Associate Members are also welcomed.

Dues are \$24 annually (+\$6 for each additional family member.) An application is on our website for joining online using PayPal payment or by downloading a printable membership form and paying by check. For additional membership information and information about the SCDXC visit our website at: <http://www.scdxc.org/membership.html>

## Welcome to SCDXC New Members

Please welcome the following amateur operators who recently joined the Southern California DX Club:

Jim Day, W6DF

Michael Berchtold, K6MKL

Steven Edenson, KB6VME

Ben Moses, W6FY

# As Fall approaches, September brings some excellent DX opportunities

By Diana Feinberg, AI6DF

As the Northern Hemisphere's autumnal equinox approaches the DX opportunities get better. The rarest upcoming DX remains the Oct. 2-12 Chesterfield Islands TX3X operation (#22 Most Wanted). Before then are #58 North Cook Is., #67 Tuvalu, #81 Comoros, and #83 Cocos Keeling. The K6W Wake Island DXpedition (#45 MW) has been re-scheduled from September until sometime next year due to a family member's medical treatment needs.♦

**Comoros: D6**  
**14-Sep to 23-Sep**  
 LA7GIA as D67GIA  
#81 MW

**Tanzania: 5H**  
**04-Sep to 28-Sep**  
 NK8O as 5H3DX; and  
**13-Sep to 18-Oct**  
 IK2GZU as 5H3MB  
#180 MW

**Cocos Keeling, VK9**  
**19-Sep to 25-Sep**  
 JA0JHQ as  
 JA0JHQ/VK9CC  
#83 MW

**Ogasawara: JD1**  
**04-Sep to 07-Sep**  
 JA1NEJ as JD1BOH  
#105 MW

**Micronesia, V63**  
**28-Sep to 04-Oct**  
 JS3LSQ as V63WJ  
#108MW

**Vanuatu, YJ0**  
**03-Sep to 07-Sep**  
 JA0JHQ as YJ0NH  
#103 MW

**Tuvalu, T2G**  
**24-Sep to 14-Oct**  
 LZ1GC and  
 OM5ZW as T2GC  
#67 MW

**Niue, E6**  
**15-Sep to 29-Sep**  
 7 G3's as E6GG  
#100 MW

**Marshall Is., V73**  
**24-Sep to 28-Sep**  
 5 JA's as V73A, V73ME,  
 V73GW, V73YL, V73H  
#110 MW

**North Cook Is.**  
**27-Sep to 29-Oct**  
 N7QT as E51MQT and  
**29-Sep to 27-Oct**  
 KZ1W as E51MKW  
#58 MW

**Zimbabwe, Z21**  
**18-Sep to 30-Sep**  
 3 OK's as Z21MG  
#147 MW

**Bolivia, CP1**  
**29-Aug to 15-Sep**  
 EA5RM as CP1XRM  
#169 MW

## Does anyone know the history of this “object of art” found in the SCDXC archives?

SCDXC Membership Chair Mel Hughes, K6SY, recently inherited the club's archives spanning 60+ years. Most archived materials are stored at the WEMS offices site, some are at Mel's QTH.

Mel displayed at our July monthly meeting an unusual “object of art” (shown below) he discovered in the club archives. This SCDXC logo rendition was relief-carved into a trapezoidal piece of wood, then painted. If anyone knows the history of this wood-carving (including “who done it”) please let Mel know. There’s no date or artist’s signature on the wood (...and no evidence of any contacts with termites.)♦



Do you know the origin or history behind this wood-carved rendering of the SCDXC logo? Contact Mel, K6SY, if you do. PHOTO: DIANA FEINBERG, AI6DF

# Lifetime confirmed DXCC entities of SCDXC members registered with ClubLog (ranked as of August 26, 2015)

Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6	DXCC	Slots	Range
1	W6SR	182	265	0	318	299	338	323	333	283	321	64	340	2726	48 yrs
2	K6FG	142	234	0	325	323	340	325	328	312	317	34	340	2680	59 yrs
3	W6VX	162	249	0	317	295	340	326	316	295	307	9	340	2616	36 yrs
4	K6YUI	127	200	0	310	308	339	328	331	314	321	17	340	2595	58 yrs
5	W8DX	38	241	0	329	296	338	319	321	265	299	6	340	2452	58 yrs
6	KR6C	128	138	0	221	187	308	226	269	186	194	1	339	1858	37 yrs
7	N6QQ	55	116	0	268	237	332	289	304	230	265	7	336	2103	58 yrs
8	N6HY	125	196	3	290	278	327	300	295	238	244	23	334	2319	61 yrs
9	KM6HB	8	134	1	196	120	291	183	278	186	237	15	334	1649	24 yrs
10	W6ZPL	3	105	0	167	11	303	166	262	113	213	0	333	1343	17 yrs
11	W6OU	4	33	0	98	25	303	100	242	60	207	14	333	1086	52 yrs
12	SM5GMZ	136	170	0	259	220	303	225	283	206	229	22	332	2053	46 yrs
13	AI6Z	13	178	0	237	242	270	249	251	251	235	0	329	1926	22 yrs
14	NS6C	12	130	0	240	216	303	261	250	239	215	10	325	1876	58 yrs
15	N6MXU	25	38	0	142	57	264	123	200	75	190	3	325	1117	29 yrs
16	K0OK	9	136	0	206	160	230	223	231	210	211	7	322	1623	43 yrs
17	W6SW	0	8	0	15	3	242	8	135	2	79	0	319	492	36 yrs
18	W6DR	78	104	0	191	95	274	99	230	59	194	6	316	1330	35 yrs
19	AC6DX	27	126	1	248	136	299	221	239	207	258	7	313	1769	8 yrs
20	NK6A	1	14	0	94	68	244	63	250	31	179	0	298	944	70 yrs
21	N6VNI	4	64	0	131	85	260	196	228	178	196	9	296	1351	26 yrs
22	N6DHZ	2	91	1	103	9	236	116	172	88	204	14	290	1036	27 yrs
Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6	DXCC	Slots	Range
23	N6GP	9	155	0	181	116	240	140	201	135	178	8	286	1363	26 yrs
24	ZL3TE	21	59	0	206	153	243	139	211	119	171	1	284	1323	11 yrs
25	K6IPV	39	66	0	127	149	182	205	170	171	165	13	280	1287	60 yrs
26	W6YOO	19	39	1	103	125	192	135	130	89	98	2	276	933	28 yrs
27	KT6LA	0	109	0	125	16	197	113	217	54	172	0	269	1003	9 yrs
28	K7MY	0	11	0	67	28	191	125	178	93	128	4	265	825	38 yrs
29	K6SS	5	17	0	52	14	177	143	172	121	115	2	238	818	2 yrs
30	K6AFW	2	7	0	48	6	146	20	5	3	177	1	202	415	23 yrs
31	W6KC	0	3	0	100	0	126	1	142	1	137	0	190	510	18 yrs
32	AD6LV	0	4	0	25	0	140	27	87	24	77	0	171	384	5 yrs
33	K7LA	1	6	1	14	0	73	38	105	36	49	0	152	323	15 yrs
34	W6QE	0	1	0	21	0	76	4	57	0	65	0	149	224	21 yrs
35	K6NQY	0	1	0	6	0	61	33	56	26	35	2	128	220	7 yrs
36	KK6FJQ	0	0	0	0	0	0	0	0	0	122	0	122	122	2 yrs
37	SM5X	13	19	0	27	18	41	47	41	13	13	0	121	232	11 yrs
38	ZM3T	0	0	0	2	0	91	0	61	0	57	0	111	211	5 yrs
39	K6DSW	1	1	0	35	0	64	10	39	9	70	2	108	231	7 yrs
40	N6RU	2	2	0	12	0	26	11	27	18	75	1	103	174	7 yrs
41	N6DBF	0	8	0	22	1	58	16	49	23	52	1	102	230	29 yrs
42	SG5Z	33	25	0	43	0	61	5	83	6	52	0	97	308	1 yrs
43	AI6DF	3	0	0	0	0	13	1	59	6	47	1	75	130	1 yrs
44	W6MPB	1	3	0	6	4	32	6	27	3	19	1	60	102	13 yrs

Note: Above standings reflect SCDXC members registered with ClubLog who uploaded their logs within the past 12 months. ClubLog has 34,073 users worldwide as of August 26, 2015, representing 45,275 callsigns. In addition to the 44 SCDXC-member call signs above an additional 22 SCDXC members are registered with ClubLog but classified as "Inactive" or "Log Not Disclosed."

# The 2015 SCDXC Board of Directors



**President**  
**George Jacob**  
**N6VNI**



**Vice President**  
**Doug Millar**  
**K6JEY**



**Secretary**  
**Kris Jacob**  
**KC6TOD**



**Treasurer**  
**Cathy Gardenias**  
**K6VC**



**Membership Chair**  
**Mel Hughes**  
**K6SY**



**Past President**  
**Wayne Spring**  
**W6IRD**



**Director**  
**Sharon Spring**  
**K6IRD**



**Director**  
**Joe Locascio**  
**K5KT**

**APPOINTED  
POSITIONS**



**W6AM Repeater Chair**  
**Rich Bongeorno**  
**W6VX**



**Webmaster and Historian**  
**Jim Shryne**  
**N6DHZ**



**Editor, SCDXC Newsletter**  
**Diana Feinberg**  
**AI6DF**

# HAMCON 2015

**ARRL  
SW Division Convention**



**Ham Radio  
A Bridge To  
The Future**



To explore or to register:  
[www.hamconinc.org](http://www.hamconinc.org)

Welcome To  
**HAMCON 2015**



Torrance Marriott Redondo Beach Hotel  
3635 Fashion Way, Torrance, CA

**September  
11-12-13, 2015**



# Western Amateur Radio Association

## NOW OFFERING AMATEUR RADIO VE TESTING SESSIONS

Contact V.E. George T. Jacob Jr. N6VNI

**Phone Numbers:** Home Phone: 562/691-7898 Cell Phone: 562/544-7373

**Email:** [jac2247@gmail.com](mailto:jac2247@gmail.com) Or [N6VNI@arrl.net](mailto:N6VNI@arrl.net)

**Sponsoring Club:** N6ME Western Amateur Radio Association,

Fullerton, Ca. "WARA"

Test site location:

La Habra Community Center.

101 W. La Habra Blvd., La Habra, CA 90631

**Date and Times - Third Thursday of every month, @ 6 P.M. unless otherwise noted. Pre-Registration is requested and preferred. Walk-ins are welcome.**

### 2015 TESTING SESSIONS

**Thursday, January 15<sup>th</sup>, 2015 6 p.m.**

**Thursday, February 19<sup>th</sup>, 2015 6 p.m.**

**Thursday, March 19<sup>th</sup>, 2015 6 p.m.**

**Thursday, April 16<sup>th</sup>, 2015 6 p.m. NOTE: Location change -this date only  
(Home of George N6VNI, 1901 W. El Portal Drive, La Habra, CA 90631)**

**Thursday, May 21<sup>st</sup>, 2015 6 p.m. NOTE: Location change – this date only  
(Home of George N6VNI, 1901 W. El Portal Drive, La Habra, CA 90631)**

**Thursday, June 18<sup>th</sup>, 2015 6 p.m.**

**Thursday, July 16<sup>th</sup>, 2015 6 p.m.**

**Thursday, August 20<sup>th</sup>, 2015 6 p.m.**

**Thursday, September 17<sup>th</sup>, 2015 6 p.m.**

**Thursday, October 15<sup>th</sup>, 2015 6 p.m..**

**Thursday, November 19<sup>th</sup>, 2015 6 p.m.**

#### On Exam Day Bring the Following Items

- A legal photo ID (driver's license, passport) or Two forms of non-photo ID; e.g., birth certificate, social security card, library card, utility bill or other business correspondence with name of the examinee as it appears on the Form 605 and current mailing address.
- Your Social Security Number (SSN) or FCC-issued Federal Registration Number (FRN).
- If applicable, the original and a photocopy of your current Amateur Radio license and any Certificates of Successful Completion of Examination (CSCE) you may have from previous exam session. (Photocopies will not be returned.)
- Two number two pencils with erasers, and a pen.
- A calculator with memory erased and formulas cleared (no iPhones, iPads, etc.).
- Test Fee: \$15.00 (cash or check).

If you fail an element and wish to retake it, we are required to charge an additional test fee. If you pass an element, we typically offer and encourage you to take the next element. We do not charge an additional test fee for this and it gives you the opportunity to see what the next exam element is like!



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